

**Education and Student Affairs Committee Memorandum**

Board of Regents, State of Iowa

**Subject:** College of Public Health Five-Year Progress Report**Prepared by:** Anthony G. Girardi**Date Submitted:** September 1, 2004

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**Recommended Action:**

Receive a report on the University of Iowa College of Public Health.

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**Executive Summary:**

Provost Michael Hogan and Dean James Merchant will provide a report on progress and prospects for the future of the University of Iowa College of Public Health. The written report is attached to this memo.

The University of Iowa College of Public Health was approved by the Board of Regents, State of Iowa in April, 1999 and began on July 1, 1999. Since that time, the college has made progress in the development of degree programs, student recruitment, faculty and staff growth, research development, and statewide outreach programs.

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THE UNIVERSITY OF IOWA

# College of Public Health

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## FIVE YEAR PROGRESS REPORT

*Presented to Board of Regents, State of Iowa  
September 2004*

## COLLEGE OF PUBLIC HEALTH

### Five-Year Progress Report

#### History

Public health programs at The University of Iowa date to the beginning of the 20<sup>th</sup> century with the origins of both the College of Medicine's Department of Preventive Medicine and Environmental Health and the University Hygienic Laboratory. The Department of Preventive Medicine and Environmental Health evolved over the years to become one of the largest departments of preventive medicine in the country and provided a solid foundation for conversion to the College of Public Health which was approved by the Board of Regents, State of Iowa, in April of 1999 and inaugurated on July 1, 1999.

#### Governance

The College of Public Health reports to the Provost and is composed of six departmental units. Governance of the College is provided by the academic dean, associate and assistant deans, an external board of advisors, an executive committee, and a representative faculty council (see Figure 1.).

#### Strategic Planning

Strategic planning for the College of Public Health is a dynamic process which has involved an annual review of its mission, vision, themes, core values, goals, objectives, and measurable indicators. Strategic planning is accomplished through eight well-defined goals, thirty objectives, and sixty-two measurable indicators. An annual report of the state of the college based upon strategic planning is presented in October of each year. The strategic plan is keyed to Regental and University goals.

### **Mission**

*To promote health and prevent injury and illness through commitment to education and training, excellence in research, innovation in policy development, and devotion to public health practice.*

### **Vision**

*To serve Iowa and the Midwest as one of the nation's premier state-assisted schools of public health and lead the global community in rural public health education and training, research, and practice.*

### **Themes**

Through its educational and research programs, public service, and creative partnerships, the College strives to obtain this vision by focusing efforts on six broad themes, including:

1. **Protecting** Iowa's families, farms, and businesses against threats to health and safety.
2. **Improving** Iowa's environment and quality of life for its citizens, with special emphasis on children, the elderly, and other vulnerable populations.
3. **Helping** Iowa families and communities in making healthy choices about diet, exercise, alcohol, tobacco, and other drugs.
4. **Focusing** attention on Iowa's mental health services and on the State's aging population, with special emphasis on assessment, access, and policy development.
5. **Fostering** superior, cost-effective health care services.
6. **Promoting** excellence in education and research in public health and associated disciplines.

### **Core Values**

The College of Public Health has added to The University of Iowa's core values of **community, integrity, learning, quality, and responsibility**, a sixth core value - **social justice** - a guiding principle of public health.

**Community.** The College of Public Health seeks to strengthen the communities it serves through the development and expansion of innovative education, research, and practice programs. Consistent with the principles of public health, the College is committed to collaboration and actively seeks to engage community partners in its undertakings.

**Integrity.** The College of Public Health adheres to the highest standards of honesty, fairness, respect, and professional and scholarly ethics.

**Learning.** The College of Public Health is dedicated to the discovery and dissemination of knowledge that will improve the health status of all people, especially those with rural roots and experiences.

**Quality.** The College of Public Health is dedicated to the pursuit of excellence in public health scholarship, teaching, and community service.

**Responsibility.** The College of Public Health is dedicated to the stewardship of all resources entrusted to it and fosters public policies that promote sustainability in all human activities, including environmental protection, agricultural production, economic development, and community health.

**Social Justice.** All activities within the College of Public Health are motivated by a commitment to social equity and fairness, a spirit of compassion for all persons, and a desire to apply the tools of scientific knowledge to pressing societal health concerns. The College strives to improve the conditions in which everyone lives and thereby contribute to the formation of a just society.

### **Budget**

Despite recurring budget cuts amounting to nearly \$850,000 over the last four fiscal years, the College of Public Health has enjoyed a steady increase in its general education funding. This was made possible by \$2 million appropriated over two years by the General

Assembly for the original Public Health Initiative, reprogramming of \$1.6 million by The University of Iowa, and modest annual increases in general education funds provided to all colleges. General education funds compose about 20% of the College's budget, the remainder coming from grants and contracts which off-set over 50% of faculty salaries.

Table 1.  
COLLEGE OF PUBLIC HEALTH

General Education Funds* Recurring Allocations		FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	Total
Original GEF* Allocation		5,298,296	6,253,388	7,328,335	8,032,869	8,320,954	8,451,908	
GEF* Reductions		91,790	5,750	431,103	91,126	226,973		846,742
Revised GEF* Allocations		5,206,506	6,247,638	6,897,232	7,941,743	8,093,981	8,451,908	

\*GEF-The State Health Registry of Iowa and Iowa Registry for Congenital and Inherited Disorders Special Appropriation Funds are included in the recurring General Education Fund allocation amounts.

### Faculty

The College began with the 40 primary faculty from the College of Medicine's Department of Preventive Medicine and Environmental Health, all of whom were reorganized to become faculty members in the College of Public Health on July 1, 1999. Since that time, the College has successfully recruited 56 new primary faculty, while losing 16 faculty to retirement and resignations. The College is now very close to its current projected faculty of 83 with a goal of 125 to 150 faculty when the College is mature. The College of Public Health has 71 secondary faculty, who have primary appointments in other colleges, and represent every College on campus. Fifty-eight adjunct faculty, who reside in a number of academic and practice settings, complement the academic faculty.

Table 2.  
COLLEGE OF PUBLIC HEALTH

Primary Faculty Actual and Projections		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2015
<b>PRIMARY FACULTY</b>														
Projections				51	66	72	77	83	91	100	108	117	125	150
Actual	40	49	57	56	69	69	78	80*						

Figures in bold represent actual figures.

\*Primary faculty as of August 1, 2004.

### Students and Degree Programs

All students pursuing College of Public Health graduate degrees are admitted to The University of Iowa Graduate College. The College of Public Health has enjoyed sustained growth in its student body over the first five-years through 6 Master of Public Health (MPH) subtracks, 5 MPH focus areas, 4 dual MPH degrees, a general MPH degree, a Master of Health Administration degree, 6 MS degrees, and 8 PhD degrees all located in the six departmental units. In addition, the College of Public Health teaches an increasing number of undergraduate and professional students with an interest in public health education, including several dual degrees (MD-MPH, MSN-MPH, PharmD-MPH, DVM-MPH with ISU). The College also sponsors an undergraduate Certificate in Public Health provided via distance learning to public health practitioners throughout Iowa.

Table 3.  
COLLEGE OF PUBLIC HEALTH

Graduate Students Actual and Projections		FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2015
<b>GRADUATE STUDENTS</b>													
Projection*					223	239	257	282	310	335	362	387	510**
Actual	160	167	186	212	262	273***							

Figures in bold represent actual figures.

\*The projections are based on a faculty ratio of 3.1.

\*\*We anticipate an increase of 25 on-campus graduate students per year from 2010 through 2015. This projection is based on increasing enrollment in our degree programs, in particular our dual degree programs (e.g. existing dual degrees of MD-MPH, MSN-MPH, DVM-MPH, and PharmD-MPH as well as up to five more dual degrees in various stages of development).

\*\*\*Student enrollments as of 8/23/2004.

### Research

The Department of Preventive Medicine and Environmental Health developed a solid research foundation which College of Public Health faculty members have expanded significantly over the last five years. Both research funding and F&A funding have increased significantly, well exceeding the 10% increase per year projections. Similarly, College of Public Health investigators have served as co-investigators and co-principal investigators on numerous grants in the College of Medicine and other collegiate units. These research awards and collaborative funding have increased steadily, while F&A on these awards has remained relatively stable.



Table 4.

## COLLEGE OF PUBLIC HEALTH

## Projections for Externally-Funded Grants with CPH Faculty as Principal Investigators

	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010
<b>PROJECTED NUMBER OF AWARDS (x 10%)</b>											
Actual	96	106	116	128	141	155	170	187	206	226	249
		104	113	122	135						
<b>PROJECTED FUNDING (x 10%)</b>											
Actual	\$16.1	\$17.7	\$19.5	\$21.4	\$23.6	\$25.9	\$28.5	\$31.4	\$34.5	\$38.0	\$41.8
		\$18.8	\$30.5	\$29.1	\$30.6						
<b>PROJECTED F&amp;A (x 10%)</b>											
Actual	\$3.8	\$4.2	\$4.6	\$5.1	\$5.6	\$6.1	\$6.7	\$7.4	\$8.1	\$9.0	\$9.9
		\$3.9	\$7.1	\$6.0	\$6.7						

Projections are based on FY00 figures. Figures in bold represent actual figures.

Table 5.

## COLLEGE OF PUBLIC HEALTH

## Projections for Externally-Funded Grants with Principal Investigators Outside CPH and CPH Faculty as Co-Investigators or Co-Principal Investigators

	FY2000*	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010
<b>PROJECTED NUMBER OF COLLABORATIVE AWARDS (x 10%)</b>											
Actual	28	31	34	37	41	45	50	55	60	66	73
		35	47	38	42						
<b>PROJECTED COLLABORATIVE FUNDING (x 10%)</b>											
Actual	\$24.8	\$27.3	\$30.0	\$33.0	\$36.3	\$39.9	\$43.9	\$48.3	\$53.2	\$58.5	\$64.3
		\$23.0	\$25.8	\$25.3	\$29.8						
<b>PROJECTED COLLABORATIVE F&amp;A (x 10%)</b>											
Actual	\$7.4	\$8.1	\$9.0	\$9.8	\$10.8	\$11.9	\$13.1	\$14.4	\$15.9	\$17.4	\$19.2
		\$6.0	\$6.4	\$6.6	\$6.9						

Projections are based on FY00 figures. Figures in bold represent actual figures.

\*Co-I information for FY2000 is an estimate based on the first six months of 2000 as this information was not included in the University research database until Jan 2000.

### **Service**

The College of Public Health is heavily involved in outreach in the form of technical assistance and community-based education and evaluation programs through its 28 centers and institutes. The six collegiate themes provide a useful way to summarize the College's service and are depicted in Figure 2. The College has developed an interactive database that documents services provided in every county in Iowa and in several other Midwestern states, especially Kansas, Nebraska, and South Dakota where there are no schools of public health.

### **Policy Development and Evaluation**

The College of Public Health has been involved in the development and evaluation of numerous public health policies. This policy work, summarized below, is facilitated through the College's centers and institutes, many of which have a policy focus.

- Aging and long-term care
- Public health preparedness
- Public health capacity building
- Patient safety
- Health care quality
- Firearm safety
- Bicycle and motorcycle safety
- Farm injury prevention
- Child restraint legislation
- Blood alcohol legislation
- Rural health care
- Speed limit legislation
- Workplace violence
- Domestic violence
- Developmental disabilities
- Cancer prevention
- Substance abuse
- Tobacco control
- Bioterrorism
- Rural air quality

The College typically develops policy recommendations through its research and targeted conferences and workshops, which often result in consensus policy documents.

### **Challenges**

While the College of Public Health has made significant strides in its first five-years, it faces a number of challenges.

1. Secure an academic facility to house its faculty and to provide dedicated classrooms and educational facilities for its students.
2. Consolidate, to the extent possible, its research activities which are currently located in 16 buildings on- and off-campus.
3. Develop articulation agreements and other recruitment strategies to develop sustained growth in the student body.
4. Extend public health education to public health providers through distance education MPH and Certificate programs.
5. Strengthen community-based partnerships to extend the College's education, research, and service missions.
6. Respond to new state and national educational and research priorities through strategic planning, management, and resource allocation.

**Figure 1.**  
**The University of Iowa College of Public Health**  
**07/01/04**

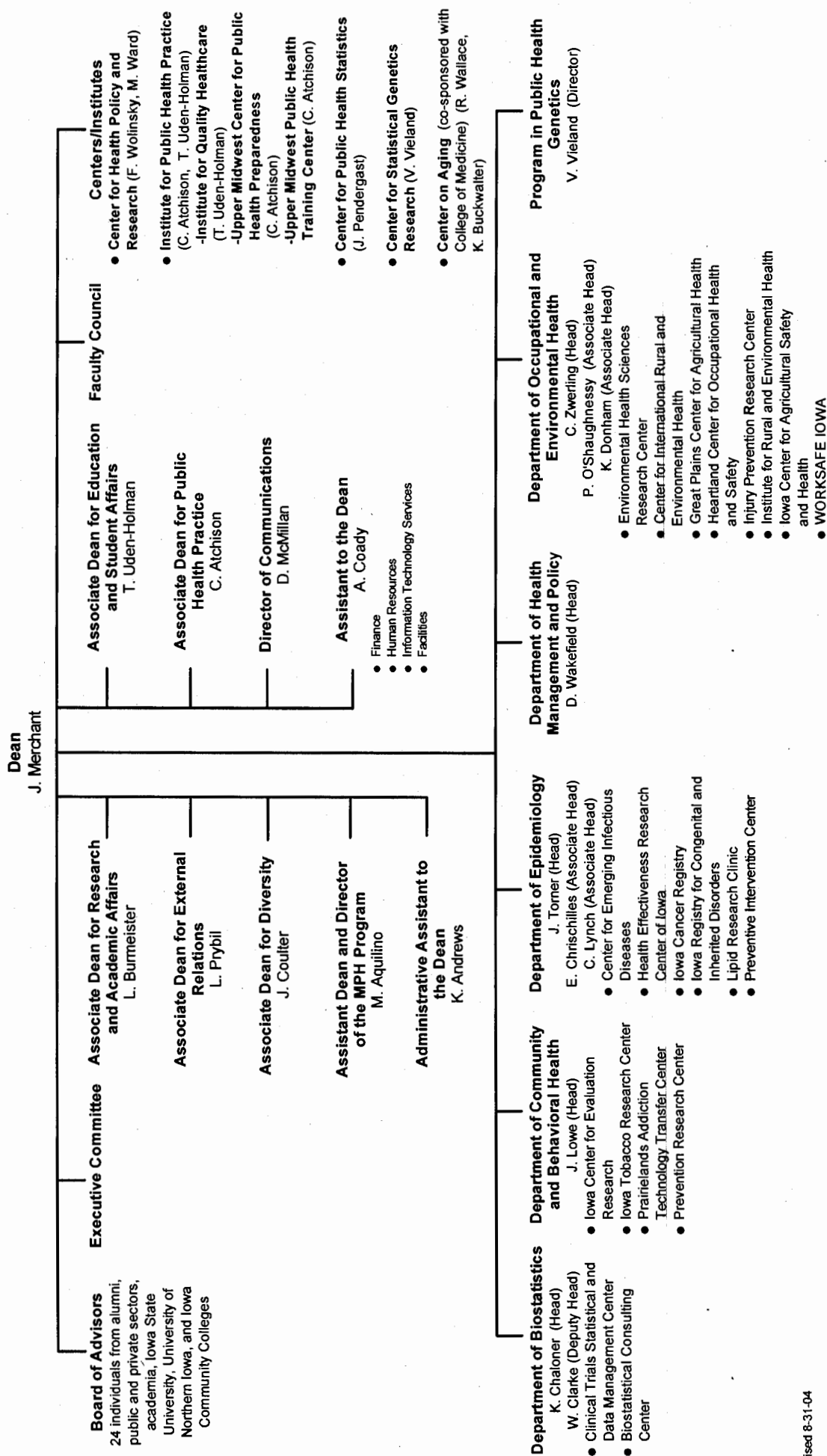


Figure 2.  
COLLEGE OF PUBLIC HEALTH  
Center and Institute Contributions to Collegiate Themes

Centers and Institutes	Protecting	Improving	Helping	Focusing	Fostering	Promoting
1. Institute for Public Health Practice	•	•	•	•	•	•
2. Center for Public Health Statistics	•	•	•	•	•	•
3. Center for Health Policy and Research	•	•	•	•	•	•
4. Clinical Trials Statistical and Data Management Center	•	•	•	•	•	•
5. Center for International Rural and Environmental Health	•	•	•	•	•	•
6. Biostatistical Consulting Center	•	•	•	•	•	•
7. Iowa Tobacco Research Center	•	•	•	•	•	•
8. Heartland Center for Occupational Health and Safety	•	•	•	•	•	•
9. Iowa Registry for Congenital and Inherited Disorders	•	•	•	•	•	•
10. State Health Registry of Iowa/Iowa Cancer Registry	•	•	•	•	•	•
11. Lipid Research Center	•	•	•	•	•	•
12. Preventive Intervention Center	•	•	•	•	•	•
13. Environmental Health Sciences Research Center	•	•	•	•	•	•
14. Injury Prevention Research Center	•	•	•	•	•	•
15. Great Plains Center for Agricultural Health	•	•	•	•	•	•
16. Center for Statistical Genetics Research	•	•	•	•	•	•
17. Center on Aging	•	•	•	•	•	•
18. Iowa's Center for Agricultural Safety and Health	•	•	•	•	•	•
19. WORKSAFE IOWA	•	•	•	•	•	•
20. Institute for Quality Healthcare	•	•	•	•	•	•
21. Upper Midwest Center for Public Health Preparedness	•	•	•	•	•	•
22. Upper Midwest Public Health Training Center	•	•	•	•	•	•
23. Prairielands Addiction Technology Transfer Center	•	•	•	•	•	•
24. Iowa Center for Evaluation Research	•	•	•	•	•	•
25. Health Effectiveness Research Center of Iowa	•	•	•	•	•	•
26. Prevention Research Center	•	•	•	•	•	•
27. Center for Emerging Infectious Diseases	•	•	•	•	•	•
28. Institute for Rural and Environmental Health	•	•	•	•	•	•

1. **Protecting** Iowa's families, farms, and businesses against threats to health and safety.
2. **Improving** Iowa's environment and quality of life for its citizens, with special emphasis on children, the elderly, and other vulnerable populations.
3. **Helping** Iowa families and communities in making healthy choices about diet, exercise, alcohol, tobacco, and other drugs.
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5. **Fostering** superior, cost-effective health care services.
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